## EAST Search History

| Ref<br># | Hits | Search Query                         | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|--------------------------------------|--|---------------------|---------|---------------------|
| L1       | 0    | (220/264.ccls.and<br>(bottom)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>13:58 |
| L2       | 186  | 220/264.ccls. and<br>(bottom)        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>13:58 |
| L3       | 1534 | 220/828-830,831-833.<br>ccls.        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:32 |
| L4       | 0    | 3 and (bottom near3 pivotted)        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:32 |
| L5       | 6    | 3 and (bottom near3 pivoted)         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:33 |
| L6       | 0    | 3 and (bottom near3 pivots)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:33 |
| L7       | 19   | 3 and (bottom near3 pivot)           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:33 |
| L8       | 58   | 3 and (bottom near3 open)            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:34 |
| L9       | 3    | 3 and (bottom near3 opens)           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:34 |
| L10      | 10   | 3 and (bottom near3 opened)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:34 |
| L11      | 51   | 3 and (bottom near3 opening)         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/01/16<br>14:34 |

| L12 | 122    | 5 or 7 or 8 or 9 or 10<br>or 11    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:34 |
|-----|--------|------------------------------------|--|----|-----|---------------------|
| L13 | 28329  | hopper.ti.                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:43 |
| L14 | 22     | 13 and (adjustable adj<br>opening) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:43 |
| L15 | 4      | 13 and (adjustable adj<br>closure) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:44 |
| L16 | 26     | 14 or 15                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:44 |
| L17 | 138985 | "222"/\$.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:54 |
| L18 | 75     | 17 and (pivot\$3 adj<br>bottom)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>14:54 |
| L19 | 1409   | 222/508,517.cds.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>15:09 |
| L20 | 60     | 19 and (adjustable)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>15:10 |
| L21 | 48577  | "55"/\$.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>15:40 |
| L22 | 3204   | 21 and (cyclone\$3)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>15:40 |
| L23 | 357    | 22 and (pivot\$3)                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO: DERWENT | OR | OFF | 2009/01/16<br>15:41 |

| L24 | 29   | ("0686404"  <br>"1035992"   "1440033"<br>"1444384"  <br>"1759947"   "1979873"<br>"2714426"  <br>"2943698"   "3132932"<br>"3816983"  <br>"4199334"   "4297114"<br>"4373228"  <br>"4375639"   "5090976"<br>"619378"  <br>"6406505"   "6482252"<br>"6591666") URPN. OR | US-PGPUB;<br>USPAT; USOCR                          | OR | OFF | 2009/01/16<br>17:32 |
|-----|------|---|--|----|-----|---------------------|
| L25 | 10   | 24 and (spring biased)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>17:44 |
| L26 | 3987 | 15/347,352,353,dig.8.<br>ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>18:01 |
| L27 | 941  | 26 and (spring biased)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>18:02 |
| L28 | 91   | 55/dig.13.cds.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>18:02 |
| L29 | 6    | 28 and (spring biased)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/16<br>18:02 |
| L30 | 12   | (("1440033") or<br>("1444384") or<br>("2531503") or<br>("2531503") or<br>("2531503") or<br>("4361245") or<br>("4361245") or<br>("4790457") or<br>("3217940") or<br>("3217940") or<br>("402371") or<br>("4023719") or<br>("2121516") or<br>("3305139"), FN.          | US-PGPUB;<br>USPAT                                 | OR | OFF | 2009/01/16<br>18:08 |

<sup>1/16/09 6:29:40</sup> PM

C:\ Documents and Settings\ DRedding\ My Documents\ EAST\ Workspaces\ % textsearch.wsp